

## **CLAIMS:**

### **What Is Claimed Is:**

1. A drilling fluid additive system comprising: an additive comprising graphite and at least one carrier; and hydrophilic clay, a pH controller, a fluid loss controller, and at least one dispersant.
2. The drilling fluid additive system of Claim 1 further comprises copolymer beads.
3. The drilling fluid additive system of Claim 1 wherein said carrier is selected from a group consisting of oils, hydrocarbon oils, vegetable oils, mineral oils, paraffin oils, synthetic oils, diesel oils, corn oil, peanut oil, soybean oil, esters, glycols, cellulose, olefins and mixtures thereof.
4. The drilling fluid additive system of Claim 1 further comprises uintaite.
5. The drilling fluid additive system of Claim 1 wherein said carrier comprises polypropylene glycol.
6. The drilling fluid additive system of Claim 1 wherein said solids comprises from about 2 % to about 50 % of said additive; and said carrier comprises from about 50 % to about 98 % of said additive.

7. The drilling fluid additive system of Claim 2 wherein said beads comprises from about 2 % to about 50 % of said additive.
8. The drilling fluid additive of Claim 1 further comprises a weighting agent, said weighting agent is selected from a group consisting of barium sulfate (barite), calcium carbonate, hematite, and salts.
9. The drilling fluid additive system of Claim 1 wherein said pH controller is selected from a group consisting of caustic acid, potassium hydroxide, lime and sodium hydroxide.
10. The drilling fluid additive system of Claim 1 wherein said fluid loss controller is selected from a group consisting of lignites, polyacrylamide and graphite uintaite (Gilsonite™) glycol dispersions.
11. The drilling fluid additive system of Claim 1 wherein said hydrophilic clay is selected from a group consisting of bentonite and kaolin clay.
12. The drilling fluid additive system of Claim 1 wherein said dispersant is selected from a group consisting of lignite, lignosulfonate and tannin.
13. The drilling fluid additive system of Claim 1 further comprises a chemical inhibitor, said chemical inhibitor is selected from a group consisting of gypsum, lime,

potassium chloride, potassium hydroxide, magnesium sulfate, potassium formate and calcium sulfate.

14. A drilling fluid additive system manufactured by a method comprising of:

admixing graphite with at least one carrier to create a suspended additive mixture, said suspended additive mixture allowing the surface of said graphite to be pre-wet with said carrier prior to adding said mixture to a drilling fluid; and further admixing hydrophilic clay, a pH controller, a fluid loss controller, and at least one dispersant to said drilling fluid additive system.

15. The drilling fluid additive system of Claim 14 further comprising admixing copolymer beads to said suspended mixture, said copolymer beads having an affinity for oils, esters, glycols and olefins.

16. The drilling fluid additive system of Claim 15 wherein said beads have a specific gravity at from about 1.0 to about 1.5 and a size from about 40 microns to about 1500 microns.

17. The drilling fluid additive system of Claim 15 wherein said beads are comprised of styrene and divinylbenzene.

18. The drilling fluid additive system of Claim 14 wherein said carrier is selected from a group consisting of oils, hydrocarbon oils, vegetable oils, mineral oils, paraffin oils, synthetic oils, diesel oils, esters, glycols, cellulose, olefins and mixtures thereof.

19. The drilling fluid additive system of Claim 14 wherein said graphite comprises from about 2 % to about 50 % of said additive mixture; and said carrier comprises from about 50 % to about 98 % of said additive mixture.

20. The drilling fluid additive system of Claim 15 wherein said beads comprises from about 2 % to about 50 % of said additive mixture.

21. The drilling fluid additive system of Claim 14 further comprises admixing a weighting agent, said weighting agent is selected from a group consisting of barium sulfate (barite), calcium carbonate, hematite, and salts.

22. The drilling fluid additive system of Claim 14 further comprises admixing a chemical inhibitor, said chemical inhibitor is selected from a group consisting of gypsum, lime, potassium chloride, potassium hydroxide, magnesium sulfate, potassium formate and calcium sulfate.

23. The drilling fluid additive system of Claim 14 wherein said pH controller is selected from a group consisting of caustic acid, potassium hydroxide, lime and sodium hydroxide.

24. The drilling fluid additive system of Claim 14 wherein said fluid loss controller is selected from a group consisting of lignites, polyacrylamide and graphite uintaite (Gilsonite™) glycol dispersions.
25. The drilling fluid additive system of Claim 14 wherein said hydrophilic clay is selected from a group consisting of bentonite and kaolin clay.
26. The drilling fluid additive system of Claim 14 wherein said dispersant is selected from a group consisting of lignite, lignosulfonate and tannin.
27. A method of manufacturing a drilling fluid additive system, said method comprising:
- shearing graphite with at least one carrier to create a suspended mixture to thereby allow the surface of said graphite to be pre-wet with said carrier;
  - admixing copolymer beads to said suspended mixture; and
  - further admixing hydrophilic clay, a pH controller, a fluid loss controller, and at least one dispersant to said drilling fluid additive system.
28. The method of Claim 27 wherein said carrier comprises oil and a glycol.
29. The method of Claim 27 wherein said carrier is selected from a group consisting of oils, esters, glycols, cellulose, olefins and mixtures thereof.

30. The method of Claim 27 further comprises admixing uintaite.
31. The method of Claim 27 wherein said carrier comprises soybean oil.
32. The method of Claim 27 wherein said graphite comprises from about 2 % to about 50 % of said additive mixture; said carrier comprises from about 50 % to about 98 % of said additive mixture; and said beads comprises from about 2 % to about 50 % of said additive mixture.
33. The method of Claim 27 further comprises allowing said beads to be pre-wet with said carrier and shearing until a homogeneous mixture is formed.
34. The method of Claim 27 further comprises admixing a weighting agent, said weighting agent is selected from a group consisting of barium sulfate (barite), calcium carbonate, hematite, and salts.
35. The method of Claim 27 further comprises admixing a chemical inhibitor, said chemical inhibitor is selected from a group consisting of gypsum, lime, potassium chloride, potassium hydroxide, magnesium sulfate, potassium formate and calcium sulfate.

36. The method of Claim 27 wherein said pH controller is selected from a group consisting of caustic acid, potassium hydroxide, lime and sodium hydroxide.

37. The method of Claim 27 wherein said fluid loss controller is selected from a group consisting of lignites, polyacrylamide and graphite uintaite (Gilsonite™) glycol dispersions.

38. The method of Claim 27 wherein said hydrophilic clay is selected from a group consisting of bentonite and kaolin clay.

39. The method of Claim 27 wherein said dispersant is selected from a group consisting of lignite, lignosulfonate and tannin.

40. The method of Claim 27 further comprising injecting said system into a wellbore.

41. A drilling fluid additive system comprising: a first mixture of graphite and oil in combination with a second mixture of graphite and glycol to form a drilling fluid additive; and hydrophilic clay, a pH controller, a fluid loss controller, and at least one dispersant.

42. The drilling fluid additive system of Claim 41 wherein said first mixture comprises from about 1% to about 99% of said additive and said second mixture comprises from about 1% to about 99% of said additive.